



Power Amplifier Instruction Manual

To ensure maximum performance and safety,
please follow this manual. Please retain the
manual for future reference after installation.

**Models: BASS1-V1
BASS2-V1**

OWNERS MANUAL

Models: BASS1-V1 BASS2-V1

Congratulations on purchasing your VIBE BASS amplifier, please read this manual in order to fully understand how to get the best results from your amplifier and ensure that all advice on how to look after the amplifier is followed.

Thank you for buying VIBE, we hope you enjoy listening to your product as much as we enjoyed creating it.

VIBE R&D Division

Attention

An aftermarket audio amplifier will place an additional load on the vehicles charging system, most modern vehicles have sufficient capacity in the charging system as not all the electrical components of the vehicle will be switched on at once. Check the fuse rating of the amplifier and use this as the peak current requirement, generally the continuous current draw will be a third of the peak current, in other words an amplifier fused at 30 amps will have a continuous current draw of 10 amps when playing music, however it may peak at 30 amps on occasions. Please check with the manufacturer as to whether your vehicle can cope with the additional load of your amplifier, in some instances it may be necessary to upgrade the alternator and battery or risk damage to the vehicles electrical system.

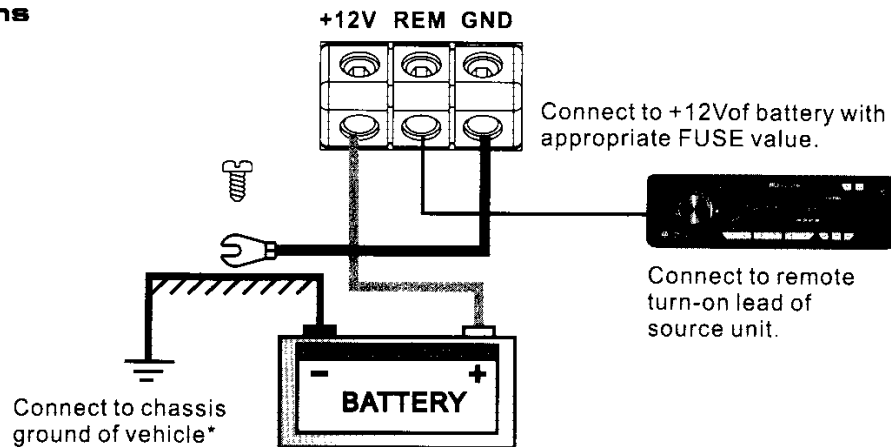
Warning

During the normal use of this amplifier the heat sink may become very hot please do not touch during or immediately after use

Mounting Guidelines

Your VIBE amplifier is designed with a swift installation routine in mind. Please mount the amplifier in a dry location on a solid surface. NEVER mount the amplifier upside down, this will cause the amplifier to over heat and will eventually damage the amplifier. Before fixing the amplifier in place please ensure that there is sufficient air flow around the exterior of the casing, at least two inches is sufficient.

Connections



Power Cable

- At least an 8 gauge cable should be used for both the power and the ground connections to the amplifier.
- The power cable should be taken directly from the battery. Rubber grommets should be used when passing through any bulkheads to prevent the cable from becoming chaffed or cut.
- It is vital that a fuse / circuit breaker (of at least equal value to the one fitted on the amplifier) is placed inline with the power cable and is no further than eighteen inches away from the battery.
- Please ensure that the fuse is not fitted until the entire installation procedure is complete.
- The two tables below are to help you decide on what cable is correct for you. The first enables you to select the size of cable depending on the length required. The second will help you convert the cable size from American Wire Gauge to Metric if you need to.

Length of Run								
Current demand	0 - 4 Ft	4 - 7 Ft	7 - 10 Ft	10 - 13 Ft	13 - 16 Ft	16 - 19 Ft	19 - 22 Ft	22 - 28 Ft
0-20 amps	14	12	12	10	10	8	8	8
20-35 amps	12	10	8	8	6	6	6	4
35-50 amps	10	8	8	6	4	4	4	4
50-65 amps	8	8	6	4	4	4	4	2
65-85 amps	6	6	4	4	2	2	2	0
85-105 amps	6	6	4	2	2	2	2	0
105-125 amps	4	4	4	2	0	0	0	0
125-150 amps	2	2	2	0	0	0	0	0

AWG to Metric Conversion Chart			
cross sectional area			
AWG Number	Inch	mm	mm ²
0	0.325	8.25	53.5
1	0.289	7.35	42.4
2	0.258	6.54	33.6
3	0.229	5.83	26.7
4	0.204	5.19	21.1
5	0.182	4.62	16.8
6	0.162	4.11	13.3
7	0.144	3.66	10.5
8	0.128	3.26	8.36
9	0.114	2.91	6.63
10	0.102	2.59	5.26

Ground Cable

- The ground cable needs to carry the same current as the power cable. At least an 8 gauge cable should be used.
- The amplifier ground should be connected directly to the chassis of the vehicle, to bare metal.
- The cable length should be kept to an absolute minimum.
- It is not recommended that you connect the ground cable to the vehicles seat belts anchor point.

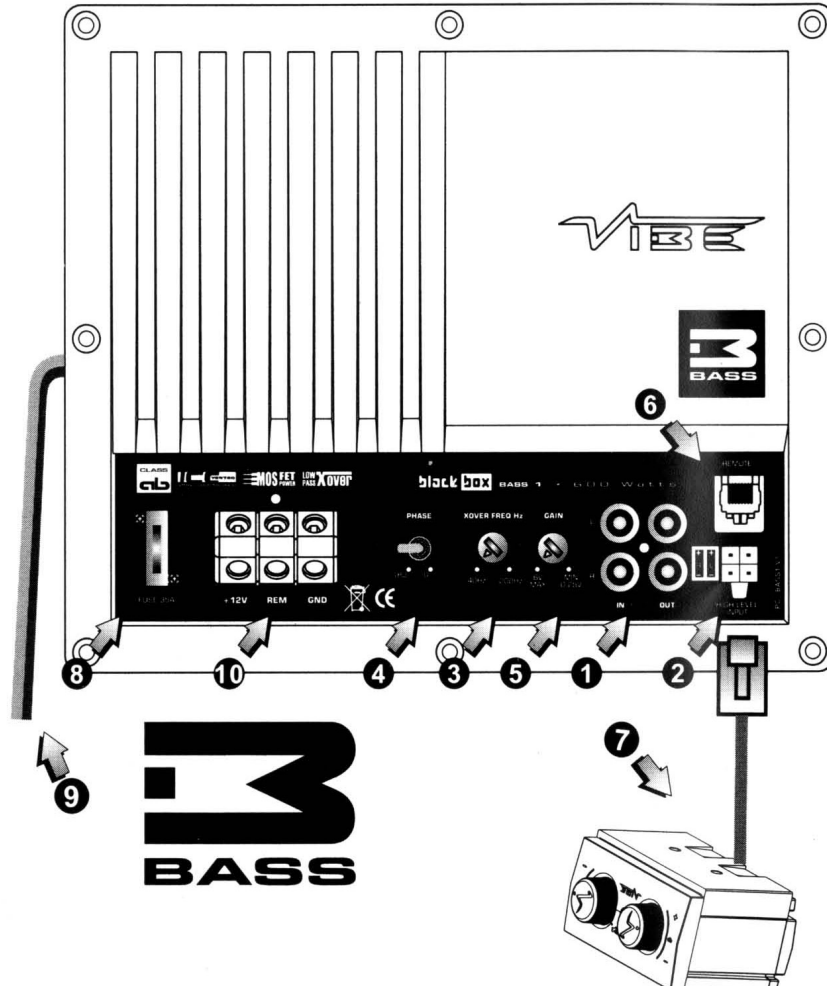
Remote Turn On

- A minimum of 18 gauge cable should be used for this connection.
- The cable should be run with exactly the same care and attention as the power cable and taken back to the source [headunit] and joined to the remote cable provided.
- If the source [headunit] does not have a remote turn on cable then a 12v supply should be used. This will require a switch to be fitted inline to enable the amplifier to be turned on and off. Remember that if this switch is left on you will flatten the car battery.

RCA Cables

- Depending on the model number of your amplifier and the number of speakers you wish to power you will have to run either one or two RCA cables from the source to the amplifier.
- Please take extra care when running these cables from the source to the amplifier. Ensure that they are placed away from all items that can generate any interference, wiring harnesses etc.
- It is recommended that the RCA cables should be run on opposite sides of the car to the previously installed power cables if possible, to avoid the cable picking up interference.

For optimal performance VIBE recommends using only VIBE Critical link cable and connectors using any thing less can seriously compromise the performance of your amplifier. see back page for details



1. Low Level Input

Connect the left and right RCA leads from your source (CD Player) to these terminals.

2. High Level Input

If your source does not support RCA outputs connect the speaker outputs to the amplifier using the high level input terminals. This must not be used at the same time as the low level inputs.

3. XOVER Frequency Hz

Adjust the crossover frequency using this knob. The frequency ranges from 40Hz to 200Hz

4 Phase

Switch for adjusting the phase between 0 and 180 degrees

5 Gain

Adjust the gain range of the amplifier between 0.25v and 6v

6 Remote Control Outlet

Connect the optional BBR10 VIBE remote gain control here. This is used to adjust the output levels of the amplifier from the front of the car.

7 Remote ControlL

(BBR10 OPTIONAL) Allows you to adjust the frequency and the gain from the front of the car.

8 Fuse

Standard blade fuse to protect the amplifier. Always replace this with one of the same value. 25x1

9 Subwoofer Output

Use this to connect the amplifier to the subwoofer

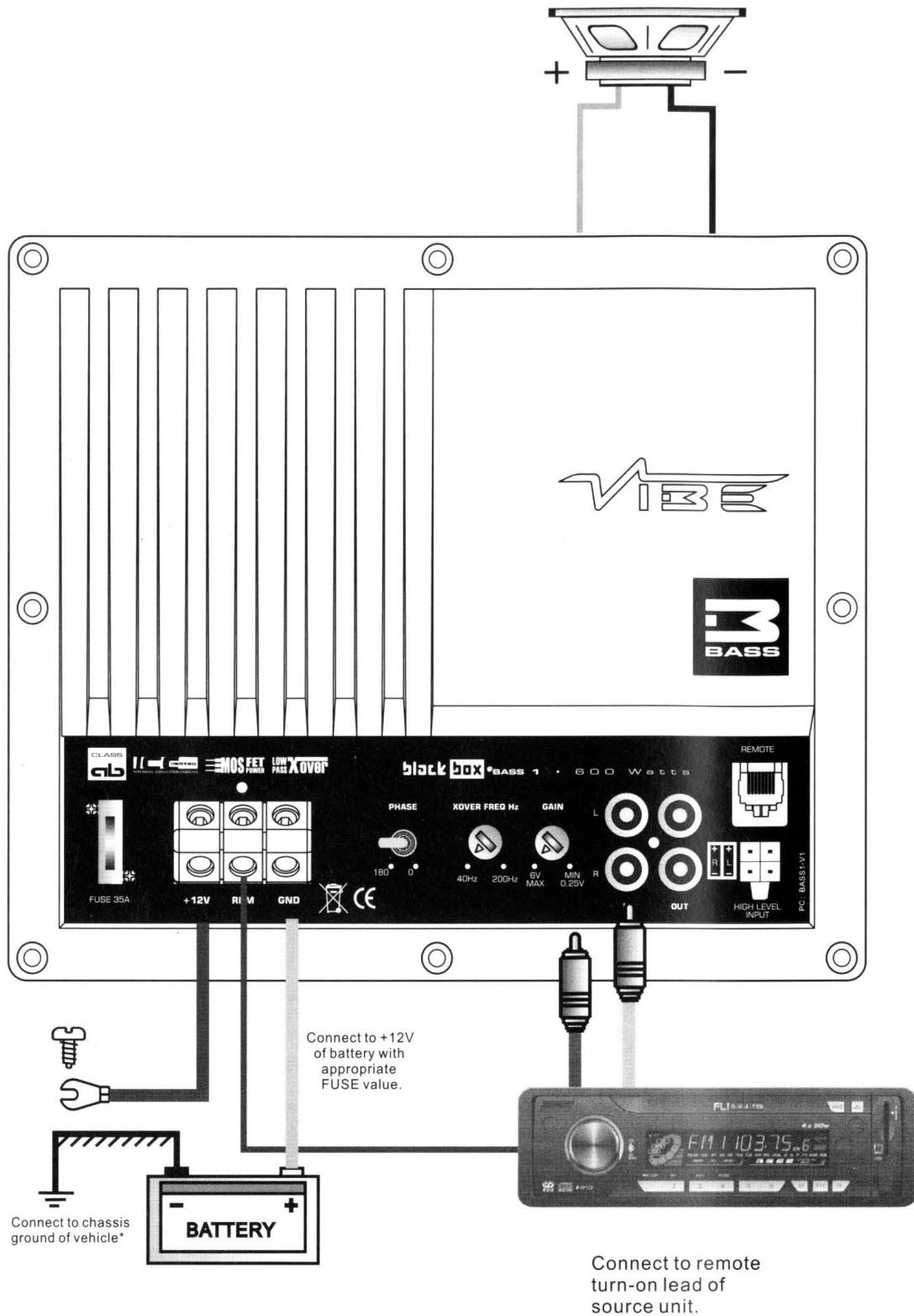
10 Power/Remote/Ground terminals

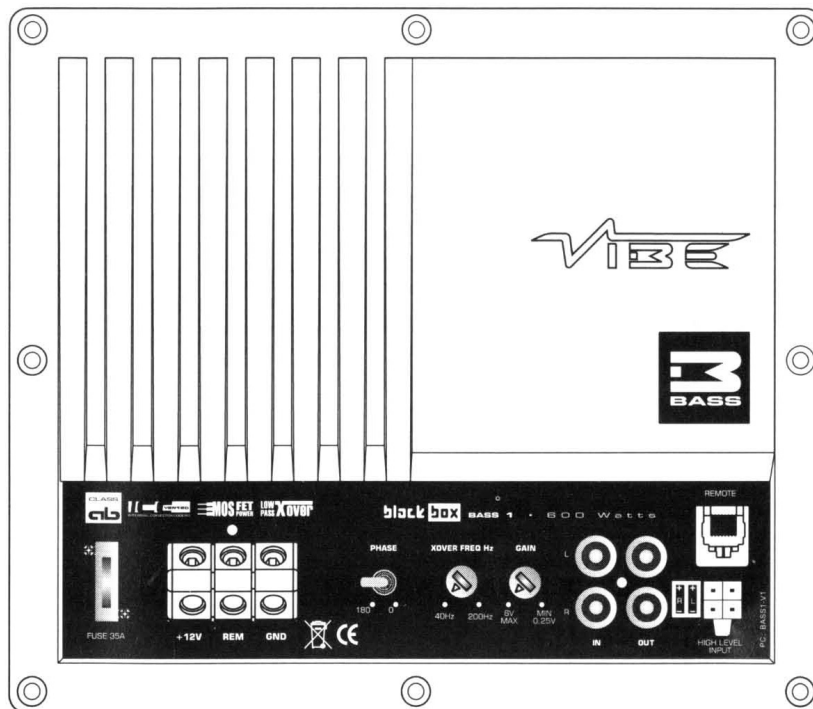
+12V – connect to the positive feed from the battery.

Rem – Connect the remote output from the source (CD player) to this terminal. The voltage must be between 7V and 15V DC.

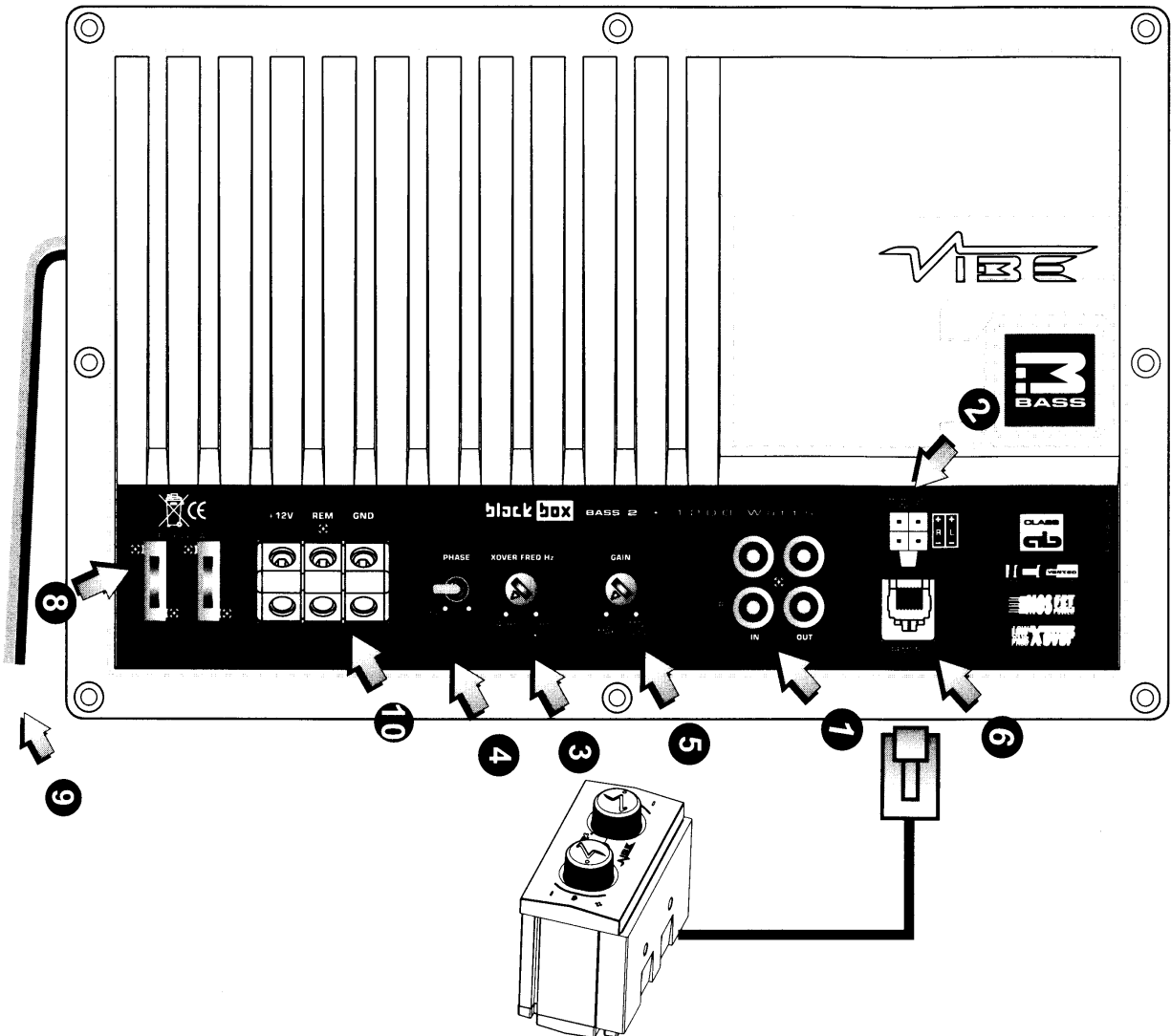
GND – The ground terminal to earth the amplifier. Connect this to the chassis of the vehicle.

Minimum impedance 4 Ohm





Specification	
RMS Power @ 13.8v DC	
Power @ 4 Ohms	300 WRMS
Max	600 watts
Minimum speaker impedance	4 Ohms
THD Distortion	0.08%
IMD Distortion	0.08%
Frequency Response +/- 1dB	40Hz - 200 Khz
low level Input Sensitivity	200 mV - 6V
High level Input Sensitivity	2V- 20V
Input Impedence	15K
Signal to Noise Ratio	90 dB
Crossover Network	
Sub-woofer filter	40 Hz – 200 Hz
Protection (short , temperature)	yes
Fuse rating	25A x 1
Size lenght x width x depth	230mm x 195mm x 53 mm



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Adjust the crossover frequency using this knob. The frequency ranges from 40Hz to 200Hz

4 Phase

Switch for adjusting the phase between 0 and 180 degrees

5 Gain

Adjust the gain range of the amplifier using this

6 Remote Control Outlet

Connect the optional BBR10 VIBE remote gain control here. This is used to adjust the output levels of the amplifier from the front of the car.

7 Remote ControlL

(BBR10 OPTIONAL) Allows you to adjust the frequency and the gain from the front of the car.

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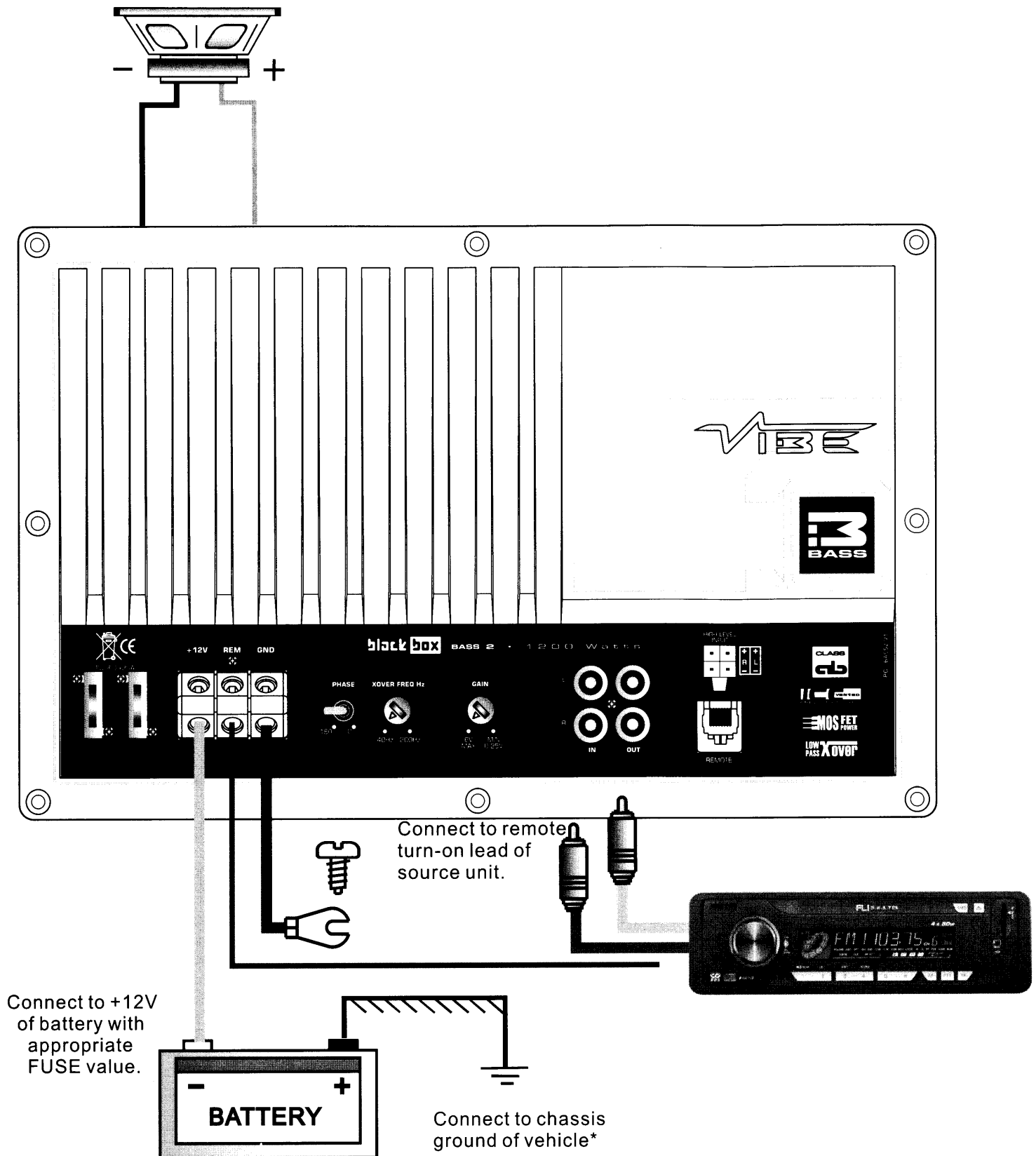
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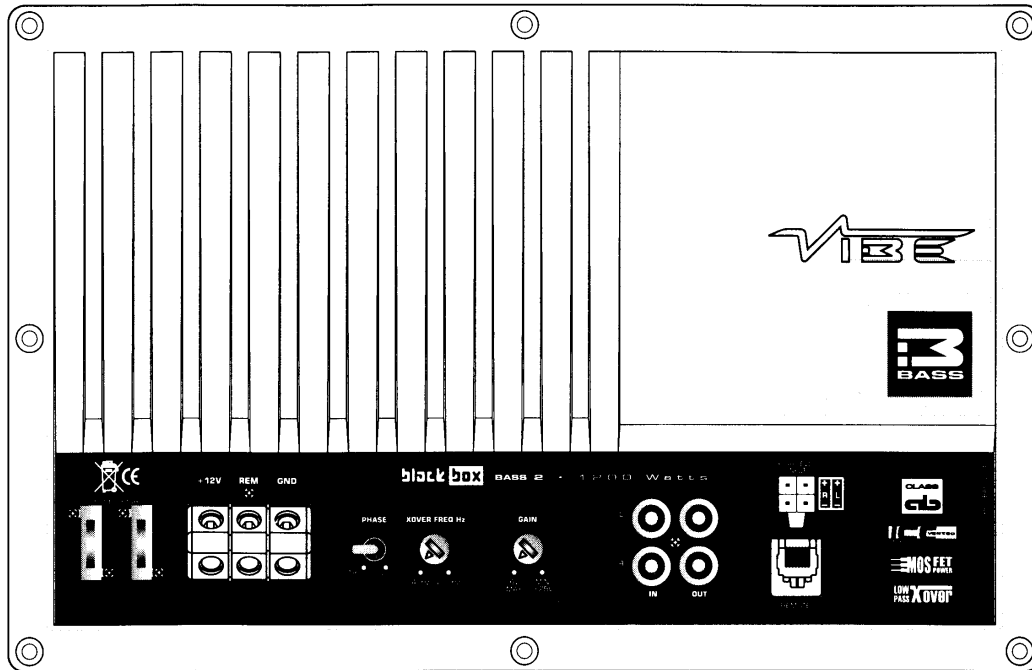
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GND – The ground terminal to earth the amplifier. Connect this to the chassis of the vehicle.

Minimum impedance 4 Ohm





Specification	
RMS Power @ 13.8v DC	
Power @ 4 Ohms	600 WRMS
Max	1200 watts
Minimum speaker impedance	4 Ohms
THD Distortion	0.08%
IMD Distortion	0.08%
Frequency Response +/- 1dB	40Hz - 200 Khz
low level Input Sensitivity	200 mV - 6V
High level Input Sensitivity	2V- 20V
Input Impedence	15K
Signal to Noise Ratio	90 dB
Crossover Network	
Sub-woofer filter	40 Hz – 200 Hz
Protection (short , temperature)	yes
Fuse rating	30A x 2
Size lenght x width x depth	230mm x 195mm x 53 mm

Set Up Section

To correctly set the gain control of the amplifier to match that of the source (headunit) use the following setup routine:

- Turn the gain control to minimum on the amplifier.
- Ensure the bass boost is set to 0 dB.
- On the headunit set all crossovers (if applicable) to flat and both bass and treble to zero.
- Turn up the source (headunit) to approx 3/4 volume.
- Very slowly turn up the gain on the amplifier until distortion can be heard in any of the speakers or until the volume reaches an uncomfortable listening level when this is reached turn down the gain control slightly.

The gain control is now set.

The setting of the crossover will depend on what kind of speaker you are installing.

For a subwoofer it is recommended that the crossover frequency is set to match that of the subwoofers specifications, or your preferred frequency - this is usually about 60 Hz - 120 Hz

Note:

By using the crossovers correctly you will not only lengthen the life of your speakers but you will also get better performance from them. To optimise your setup seek the advice of a professional installation engineer or visit your local VIBE audio dealer

Trouble shooting

- Before removing the amplifier, refer to the list below and follow the suggested procedures.
- Always test the speakers and confirm that they are wired correctly first.
- If in any doubt get help from a qualified auto electrician.

Amplifier Will Not Power Up

- ✓ Check for good ground connections. Ensure Ground cable is connected directly to bare metal and not a painted surface.
- ✓ Using a multimeter check that remote terminal has at least 7V DC.
- ✓ Using a multimeter check that there is battery voltage of at least 10.5v DC on the positive terminal.
- ✓ Check all fuses.
- ✓ Check that the protection light is not illuminated. If it is lit, shut off the amplifier by disconnecting for thirty seconds and then turning it back on.

Protection LED Illuminates When Amplifier Is Powered Up

- ✓ Check for shorts on all speakers wires. (i.e. no speaker wires should be joined together and no speaker wires should be touching the cars chassis)
- The amplifier is designed to shut down automatically when the units temperature goes above 80 degrees. If the amplifier feels very hot then this may be the reason for the amplifier not starting. Allow to cool down try again.
- Remove the speaker wires and reset the amplifier. If the Protection LED still comes on then the amplifier is faulty. This damage may have been caused by either failure to follow these setup guidelines or abuse.

Amplifier Gets Very Hot

- ✓ Check the minimum speaker impedance for the amplifier is correct.
- ✓ Check for shorts on all speakers wires. (i.e. no speaker wires should be joined together and no speaker wires should be touching the cars chassis)
- ✓ Check that there is good airflow around the amplifier. In some applications an external fan may be required.

Blown Fuse(s)

- ✓ Check both positive supply and ground for shorts.
- ✓ Check that the positive wire is connected to the positive terminal on the amplifier.
- ✓ Check that the negative wire is connected to the ground terminal on the amplifier.
- ✓ Ensure that the correct rated fuse is fitted:

The VIBE Bass 1 amplifier uses 1 x 25 amp fuse

The VIBE Bass 2 amplifier uses 2 x 30 amp fuse

Distorted Sound

- ✓ Check the gain control is not set too high. If the speakers sound distorted turn down the gain until the sound is clear.
- ✓ Check that all crossover frequencies are correct. See Setup section for more details.
- ✓ Check for shorts on all speaker wires.
- ✓ Check all speakers are wired correctly. With the correct polarity being observed on each connection.



In order to protect your purchase and aid your warranty please fill in the following form and keep it safe for your future reference:

Model Number:

Serial Number:

Purchased From:

Date of Purchase:

KEEP IT SAFE
Staple your receipt here:

Limited Warranty

All VIBE products carry a full twelve months warranty, valid from the date of the original receipt / proof of purchase. In order to validate this warranty, the warranty card should be returned to VIBE within seven days of the original purchase date. The original receipt and packaging should also be retained for this twelve month period.

If at any stage during the warranty period you have a problem with the product then it should be returned to the point of purchase, with proof of purchase in its original packaging, complete with no items missing.

If the store is unable to fix the product it may have to be returned to VIBE this process takes around 7 working days.

A full description of VIBE's warranty information can be found on our website:

www.vibeaudio.co.uk/warranty

A written version can also be obtained from VIBE warranty Dept, PO BOX 11000, B75 7WG

Technical enquires call 09067031420

call cost 50p per minute call costs correct at date of publication (01/11/06) Hours of business 9.00am - 5.30pm all calls are recorded for training purposes MIDBASS Distribution, PO Box 11000, B75 7WG

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BY USING ANY VIBE EQUIPMENT, YOU AGREE TO TAKE FULL RESPONSIBILITY FOR YOUR OWN SAFETY AND THE SAFETY OF OTHERS WHEN LISTENING TO MUSIC AT HIGH VOLUMES THROUGH EQUIPMENT YOU HAVE PURCHASED. USE OF ANY VIBE EQUIPMENT CONSTITUTES AGREEMENT TO THIS DISCLAIMER.

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FLATBASS™ 13 SPK Bass speaker cable

There are many powerful bass amplifiers on today's market – the ever increasing power is putting huge strains on speaker wire – VIBE present a new breed of speaker cable specially developed for BASS applications – the VIBE FLATBASS speaker cable offers SolidCore™ that can handle and sustain considerably more power than conventional speaker cable.

Model FlatBass 13 SPK – 13 gauge SolidCore™ flat BASS speaker cable



VIBE 140 amp circuit breaker

Big systems require big protection – The VIBE circuit breaker is rated at a massive 140 amps and offers critical protection to your system – if the system over powers or short circuits the breaker will cut in and save your equipment. No need to replace expensive fuses, system is reset via a simple switch – also offers safe and instant system shutdown.

Model CB140 – 140 amp circuit breaker



FLAT Y 2M / FLAT Y 2F RCA Y leads

Our professional quality full range OFC Y-interconnect guarantees a pure and strong signal. With a flat design and ferrite loaded gold plated plugs interference is greatly reduced. The FLAT-Y interconnect is available in 1 male – 2 female FLAT Y 2F and 2 male – 1 female FLAT Y 2M configurations.

Model: FLAT Y 2f – 1 pair RCA Y lead 1male to 2 female

Model: FLAT Y 2m – 1 pair RCA Y lead 2male to 1female



VIBE BC10 level controller

The VIBE BC10 gain level controller is a perfect addition to any subwoofer system, the BC10 allows the level of the amplifier to be controlled from the driver's seat giving the car easy adjustment of gain level. Particularly useful for adjusting the gain level for amplifiers controlling subwoofers. The BC10 controller is RCA input and output making it compatible with any system allowing gain level adjustment of any amplifier. It can also be used with full range amplifiers.

Model BC10 – RCA Gain level control



Slick level remote

A new addition to the Slick range of amplifiers is the Slick level control which allows level adjustment of the amplifier from the front of the car. Simply plug this in applied cable into the Slick remote level port on the end panel of the amplifier and remote gain control is yours, it is that easy.

Model SLR1 – optional remote for use with all Slick amplifiers



VIBE PortPlug™

The VIBE PortPlug allows easy tuning of the VIBE CBFF bass enclosures. The PortPlug™ is used to tightly seal the VIBE TurboPort™ in the enclosure to either create a sealed enclosure for better transient response or in the case of a multi ported enclosure re-tune the enclosure using only 1 PortPlug™.

Model PP25 – PortPlug™ for 2.5" TurboPort™

Model PP30 – PortPlug™ for 3" TurboPort™



VIBE official Merchandise

MPS – VIBE polo shirt with embroidered VIBE logo on front and rear

MTS – VIBE T-shirt with small VIBE printed logo on front.

MCD – VIBE CD, containing exclusive VIBE bass tracks as featured on the Bass Tunnel and VIBE Dredd.

MCC – VIBE CD case, metallic silver CD case with VIBE logo.

VFL – VIBE fleece with embroidered logo on the front and large on back.

VTD – VIBE tax disc holder, stylish silver tax disc holder featuring VIBE logo.



VIBE SD4/5 subwoofer defender grill

The new VIBE subwoofer defender not only provides protection for your sub but also adds style with its metallic badge and black rubberised steel construction allow it to integrate perfectly with the VIBE EVO enclosures.

Model SD4 – sub grill fits both 10" and 12" subwoofers

Model SD5 – sub grill fits 15" subwoofers



VIBE GB41 banana plug

The VIBE GB41 banana plugs are the easy and convenient way to quickly remove your bass enclosures without having to constantly re-thread your speaker cable into the box terminal, simply attach the speaker cable to the VIBE GB41 banana plug and you have a reliable quick-release solution. Designed for optimum use with the TP-2 and GP-4 terminal, our professional gold plated 4mm banana plugs are polarity marked and feature rubber shrouds.

Model GB41 – Gold Banana plug



VIBE DB6 non fused distribution block

The VIBE DB6 non fused distribution block is a professional non fused distribution block which gives easy connection for up to 5 amplifiers. The VIBE DB6 has 2 x 4AWG input and 4 x 8AWG outputs which can be used for power distribution or ground distribution giving a common grounding point for all system components eliminating the risk of ground loop interference.

Model DB6 non fused distribution block



VIBE FD4 fused distribution block

The VIBE FD4 fused distribution block is a professional AGU fused distribution block which gives easy connection for up to 4 amplifiers. The VIBE FD4 has 1 x 4AWG input and 4 x 8AWG outputs each individually fused up to a maximum of 80 amps (AGU fuses available separately).

Model FD4 – 4 way AGU fused distribution block, 1 x 4 gauge input 4 x 8 gauge outputs



VIBE CT0 / CT4 gold plated ring terminal

The VIBE CT range of gold plated ring terminals are professional compression fits designed for maximum conductivity when connecting power cable to the vehicle battery. The VIBE RT compression fit terminals are the best way to connect heavy gauge power cable to the vehicle battery.

Model CT0 – 0 gauge compression fit ring terminal

Model CT4 – 4 gauge compression fit ring terminal



VIBE RT4 / RT8 crimp on ring terminal

The professional range of VIBE RT gold plated ring terminals for connecting power cable to the vehicle battery. Packed in pairs and include red and black rubber over boots with an easy crimp design.

Model RT8 – 1 pair of 8 gauge crimp on ring terminals with PVC overboots

Model RT4 – 1 pair of 4 gauge crimp on ring terminals with PVC overboots



VIBE AGU30, AGU60, AGU80 fuses

The VIBE AGU fuse series are the perfect companion to the VIBE FD4 fused distribution block and the Active and Stereo system wiring kits.

Model AGU30 – 1 pair 30 amp AGU fuses to fit all AGU fuse holders

Model AGU60 – 1 pair 60 amp AGU fuses to fit all AGU fuse holders

Model AGU80 – 1 pair 80 AGU fuses to fit all AGU fuse holders

For more product info see www.vibeaudio.co.uk

The CriticalLink™ range of FLAT series cabling from VIBE

The VIBE CriticalLink range of cabling has been developed to achieve the critical link between source (headunit), amplifier and speakers - VIBE audio equipment is high quality, using anything less than the VIBE CriticalLink™ range of cables will severely compromise your equipment and will not allow it to perform to its maximum potential.

NOTE: Your audio equipment will only ever be as good as the cables you use to connect it. The link between your audio equipment is critical for a bigger cleaner sound.

VIBE cabling and interconnects can enhance your system power and sound quality by more than 20% over other brand cable.

For more product info see www.vibeaudio.co.uk



BASS SYSTEM KIT

The VIBE 2000watt BASS KIT is specifically designed to gain maximum output from high power Bass systems. Featuring the best BASS specific cables from the VIBE CriticalLink™ Range.

Contents of this Kit:

FLATLINES™ 4AWG PWR Power and Ground cable

FLATBASS™ RCA SolidCore™ Interconnect

FLATBASS™ 13 SPK Bass speaker cable

FLATLINES™ remote 1B

VIBE 140 amp circuit breaker

All cable is terminated with crimped terminal rings in place and accessory fitting kit.

COMPATIBILITY

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE BASS mono block amplifiers new, current and old models.

Model: Bass Kit - Bass specific amplifier wiring kit.



STEREO SYSTEM KIT

The VIBE 1500watt STEREO KIT is specifically designed to gain maximum output from high power full range systems. Offering the best full range cables from the VIBE CriticalLink™ range.

Contents of this Kit:

FLATLINES™ 4AWG PWR Power and Ground cable

VIBE FLATSTEREO™ RCA - OFC high definition full range interconnect

FLATLINES™ remote 1B

FLATSTEREO™ speaker cable

AGU Fuse Holder

All cable is terminated with crimped terminal rings in place and accessory fitting kit.

COMPATIBILITY

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE FULL RANGE STEREO amplifiers new, current and old models.

Model: Stereo Kit - full range stereo amplifier wiring kit.



ACTIVE SYSTEM KIT

The VIBE 1500watt ACTIVE BASS KIT is specifically designed to gain maximum output from high power Active Bass systems (Bass Boxes). Featuring BASS specific components from the VIBE CriticalLink™ range.

Contents of this Kit:

FLATLINES™ 4AWG PWR Power and Ground cable

FLATBASS™ RCA SolidCore™ Interconnect

FLATLINES™ remote 1B

AGU Fuse Holder

FastPlug™

COMPATIBILITY

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE active bass enclosures new, current and old models.

Model: Active Kit - Bass specific active enclosure wiring kit.



PC15
1.5 farad
power capacitor

The VIBE 1.5 farad power capacitor is a must for any high performance audio system. VIBE's 1.5 farad power capacitor bridges the gap between the vehicle battery and the amplifiers ensuring rapid smooth current flow resulting in louder tighter bass and clean crisp midrange and treble. The built in digital voltage display constantly and accurately displays the systems DC voltage. An all new VIBE power distribution block is built into the top of the capacitor to allow easy wiring into the system and also will allow 3 amplifiers to be wired directly to the capacitor for maximum current flow to the amplifiers.

Model: PC15



delta box

The DeltaBox line driver is the ideal solution for those looking to install multiple amplifiers from a single RCA preout. Most people use RCA "Y" splitters for this task, unaware of the signal degradation caused. The DeltaBox not only divides the signal but also isolates and boosts the signal up to a maximum of 9 volts independently for each of the 3 output channels giving much clearer sound and excellent signal to noise ratio. For SPL competition the DeltaBox is an essential tool as each of the outputs can be split 4 times giving control of 12 amplifiers from a single gain enabling precise adjustment of the system without having to touch every amplifier individually. Additionally if your headunit has a weak preout, or you wish to run multiple amps but only have one output the DeltaBox™ is your ideal solution. Model: DELTABOX



FAST PLUG

The VIBE FastPlug™ (not, pinning) is a product long overdue. Designed and developed by VIBE Engineers the plug offers safe, fast removal of your active bass enclosure (delta box) or amplifier. You may wish to remove your system for security reasons, or for the full use of your boot space, whatever the reason the VIBE FastPlug makes it easy and safe.

The Plug is a heavy duty connector that connects positive, negative and remote wires. It is made up of 2 parts - one end to connect to your equipment and the other to your power system - made from high quality ABS plastic the device is tough and hard wearing. Model: FASTPLUG



FLATLINES™ Power and Ground Cable

VIBE Flatlines™ power cable has been developed to maximize voltage transfer from battery to amplifier. The cable has 2 main lines running side by side which are made up of fine copper strands. This design makes the cable flat allowing us to make very slim heavy duty power cable which is highly flexible making installation.

Available in system kits, by the roll or by the metre.

Model: FLATLINES 8 PWR - 8gauge red power cable Model: FLATLINES 8 GND - 8gauge black power cable

Model: FLATLINES 4 PWR - 4gauge red power cable Model: FLATLINES 4 GND - 4gauge black power cable

Model: FLATLINES 0 PWR - 0gauge red power cable Model: FLATLINES 0 GND - 0gauge black power cable



FLATSTEREO™ High Definition full range Interconnect

The VIBE FLATSTEREO RCA is an OFC high definition full range interconnect - delivering the fullest signal possible from source to amplifier - the cable make up has been developed to run flat with left and right cables running parallel both with individual screening but sharing an outer FLAT jacket making installation easy.

Available in:

Model: FlatStereo RCA 1m - 1 metre full range interconnect

Model: FlatStereo RCA 5m - 5 metre full range interconnect



FLATBASS™ SolidCore™ Bass interconnect

The VIBE FLATBASS™ interconnect has been specifically developed for use in BASS SYSTEMS - the cable make up has a unique super FLAT™ design using capacitor - its trick ingredient is oversized SolidCore™ OFC signal wires - allowing a heavier voltage to be passed down the cable. This is the central wire that carries the main signal from source to amplifier.

Available in:

Model: FlatBass RCA 1m - 1 metre BASS interconnect

Model: FlatBass RCA 5m - 5 metre BASS interconnect



FLATFLEX™ High Definition speaker cable

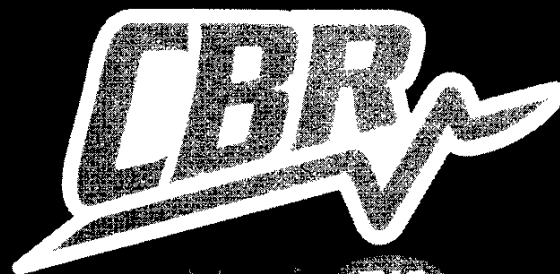
The delivery of power and signal to the speaker is the final CriticalLink™ in any audio system - VIBE FlatFlex OFC high definition speaker cable is produced from super fine OFC copper strands collectively picking up all the detail in your music - the music spreads, are played in a row making the cable super FLAT™ which can be run invisibly under carpets.

Available in:

Model: FlatFlex 16 SPK - 16 gauge High definition flat flexible speaker cable

Model: FlatFlex 12 SPK - 12 gauge High definition flat flexible speaker cable

VERE®



CBR EVO INSTRUCTION MANUAL

To ensure maximum performance and safety,
please follow this manual. Please retain the
manual for future reference after installation

OWNERS MANUAL

Congratulations on purchasing your VIBE CBR EVO subwoofer enclosure, please read this manual in order to fully understand how to get the best results from your enclosure and ensure that all advice on how to look after the enclosure is followed.

Thank you for buying VIBE, we hope you enjoy listening to your product as much as we enjoyed creating it.
VIBE R&D Division

Attention

An aftermarket audio amplifier will place an additional load on the vehicles charging system, most modern vehicles have sufficient capacity in the charging system as not all the electrical components of the vehicle will be switched on at once. Check the fuse rating of the amplifier and use this as the peak current requirement, generally the continuous current draw will be a third of the peak current, in other words an amplifier fused at 30 amps will have a continuous current draw of 10 amps when playing music, however it may peak at 30 amps on occasions. Please check with the manufacturer as to whether your vehicle can cope with the additional load of your amplifier, in some instances it may be necessary to upgrade the alternator and battery or risk damage to the vehicles electrical system.

Warning

During the normal use of this amplifier the heat sink may become very hot
please do not touch during or immediately after use

Run in procedure

VIBE recommends that you follow the run in procedure for the subwoofer detailed below.

- When your Subwoofer is used for the first time naturally like most brand new items it is very stiff and rigid, it will take time for the moving parts of this Subwoofer to loosen up before the Subwoofer will be ready to deliver its full potential.
- For the first 30 hours it is recommended that you play the Subwoofer initially at low to medium volumes, gradually increasing the volume level as time progresses.
- As a guide, if you listen to your Subwoofer for 1 hour every day it will take a month for the speaker to run in properly.
- You will notice a big change in the sound of the Subwoofer over this period, as the spider and surround begin to run in the sound will get deeper and punchier, also the output of the Subwoofer will increase as the suspension loosens up.
- The Subwoofer is like a new cars engine, it needs a few thousand miles before you can drive it to it's full potential, driving it into the redline from the first day will mean engine damage is certain and will not be covered by warranty and the same applies to the subwoofer
- Failure to follow this simple procedure is the most common reason for a Subwoofer to fail after a very short period of time.

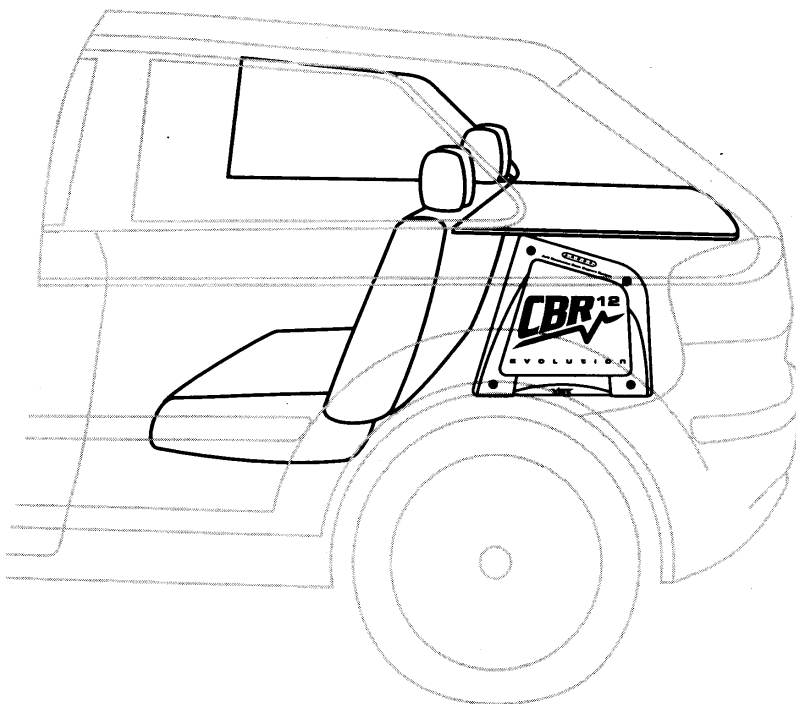
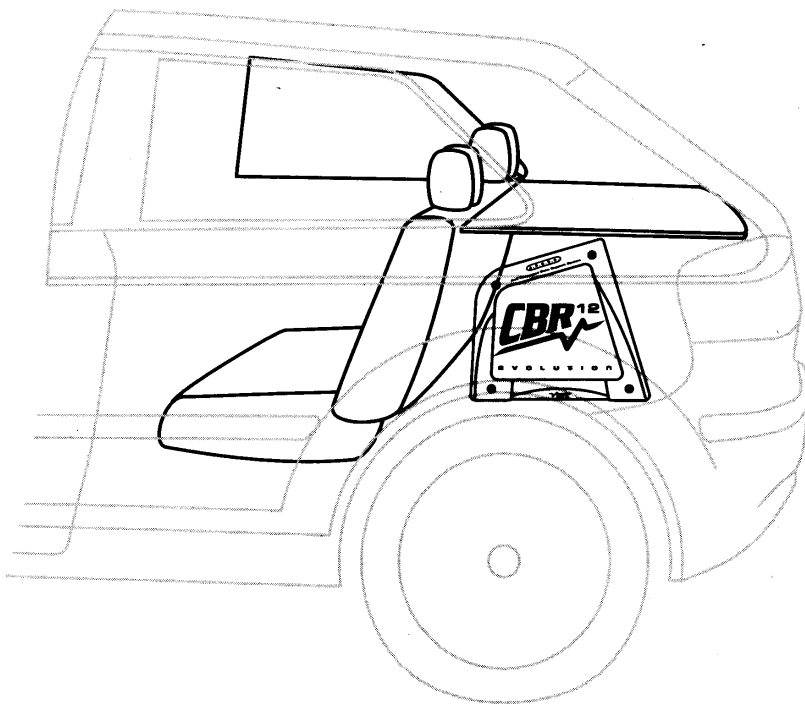
Installation

The most common place to mount a bass enclosure is in the luggage compartment of the vehicle.

Where in the luggage compartment it is mounted will have an effect on the sound produced allowing the user to tailor the sound to best suit their musical tastes.

For example if the enclosure is mounted facing the rear bumper, the bass produced will be noticeably deeper than if it is fired into the rear seat.

Do not be afraid to experiment with positioning as a little time and effort can yield great improvements in sound.



NOTE – when you have chosen your mounting position please ensure that the enclosure is securely mounted in place and cannot move or come into contact with objects in the luggage area as damage to the enclosure or subwoofer will not be covered under warranty.

It is also advisable to use additional luggage straps to secure the enclosure.

Sealed or ported configuration

Ported enclosures offer a significant increase in output compared to sealed enclosures, this is because the port in the enclosure interacts with the air in the enclosure and the woofer to increase output and reduce cone movement around the tuning frequency.

Ported enclosures are typically 2 or 3 times louder than sealed enclosures and have a bump in the frequency response making them the ideal choice for dance, R&B, electronically produced music and high SPL applications.

The CBR EVO enclosures are supplied with portplugs™, these give the user the option to use the enclosure as a sealed enclosure.

Sealed enclosures are also known as acoustic suspension enclosures because the air in the box acts like a brake to control the movement of the woofer cone.

Sealed enclosures offer high power handling, excellent transient response and smooth low end roll off making them the ideal choice for live music, rock and jazz.

Variable port tuning

CBR12 EVO CBR15 EVO, CBR12 twin EVO only

CBR enclosures with 2 turboports™ offer the user variable port tuning options.

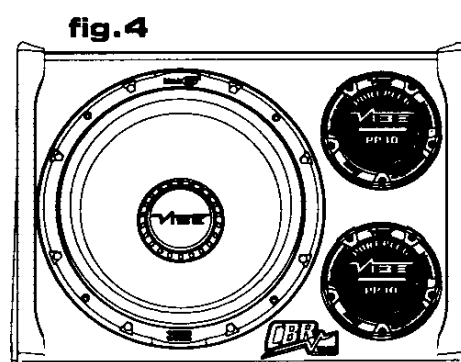
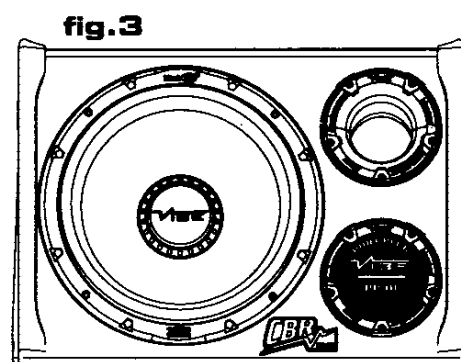
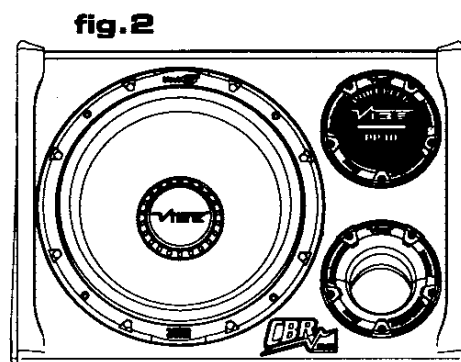
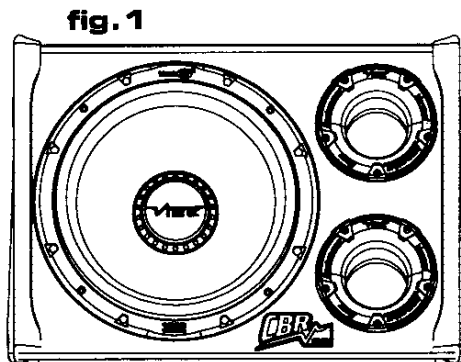
When both port plugs™ are removed the punch delivered by the enclosure will increase. (fig.1)

By removing 1 port plug™ the sound produced will increase in output and depth. (fig.2 & 3)

With both port plugs™ installed the enclosure will act as a sealed enclosure. (fig.4)

Do not be afraid to experiment as there are many different combinations as the top and bottom port will offer slightly different characteristics.

Try sealed first, top portplug™ removed, refit the top portplug™ and remove the bottom portplug™, finally remove both port plugs™ and see which variation is more suited to your musical taste.



Upgrading CBR EVO

There are 2 upgrade options available for the CBR EVO passive enclosures

Active amplifier upgrade

The following enclosures can be upgraded with a VIBE Blackbox Bass series amplifier.

Not only will this increase convenience as both the enclosure and amplifier are one unit, but you can be sure that the amplifier is perfectly matched to the subwoofers.

Product	Active amplifier
CBR 10 EVO	Blackbox Bass 1
CBR12 EVO	Blackbox Bass 1
CBR15 EVO	Blackbox Bass 2
CBR 12 twin EVO	Blackbox Bass 2

Space subwoofer upgrade

The CBR EVO enclosures can be upgraded with the VIBE Space reference SPL subwoofer

The Space subwoofer has a number of advantages over the Blackair subwoofer, the specification says it all,

- * Double the power handling
- * Aluminium cone
- * High roll, long throw surround
- * Double stacked magnet
- * Dual 2 ohm or 4 ohm voice coil

The Space subwoofer will not only give huge gains in power handling but also sound quality, both punch and deep bass will be significantly improved as well as a huge increase in overall output, basically more everything with better sonic quality.

NOTE - The Space subwoofer upgrade cannot be used in conjunction with the active amplifier upgrade, only one upgrade can be made for information on compatible amplifiers visit the website listed below

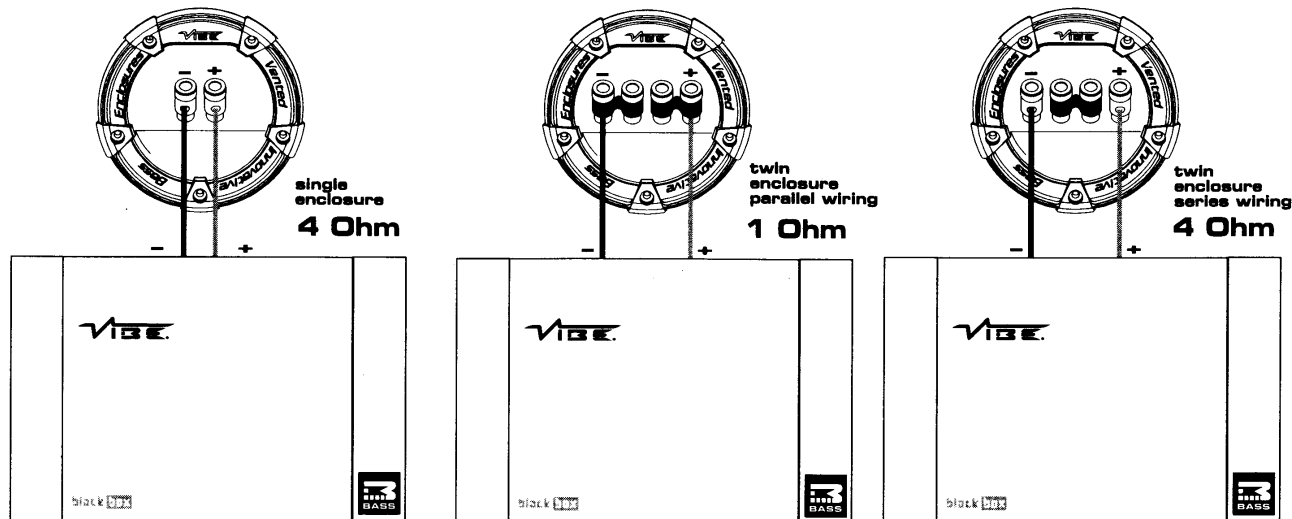
FOR MORE INFORMATION ABOUT UPGRADES GOT TO WWW.VIBEAUDIO.CO.UK

Specification

Product	part no	RMS	peak	min input	impedance
CBR 10 passive	CBR10EVO-V2	450 Watts	1300 Watts	225 Watts RMS	4 Ohm
CBR 10 active	CBR10AEVO-V2	450 Watts	1300 Watts	225 Watts RMS	4 Ohm
CBR 12 passive	CBR12EVO-V2	550 Watts	1600 Watts	275 Watts RMS	4 Ohm
CBR 12 active	CBR12AEVO-V2	550 Watts	1600 Watts	275 Watts RMS	4 Ohm
CBR 15 passive	CBR15EVO-V2	650 Watts	2000 Watts	325 Watts RMS	4 Ohm
CBR 15 active	CBR15AEVO-V2	650 Watts	2000 Watts	325 Watts RMS	4 Ohm
CBR 12 twin passive	CBR12TEVO-V2	1100 Watts	3200 Watts	550 Watts RMS	2 x 2 Ohm
CBR 12 twin active	CBR12TAEVO-V2	1100 Watts	3200 Watts	550 Watts RMS	4 Ohm

Passive enclosure wiring

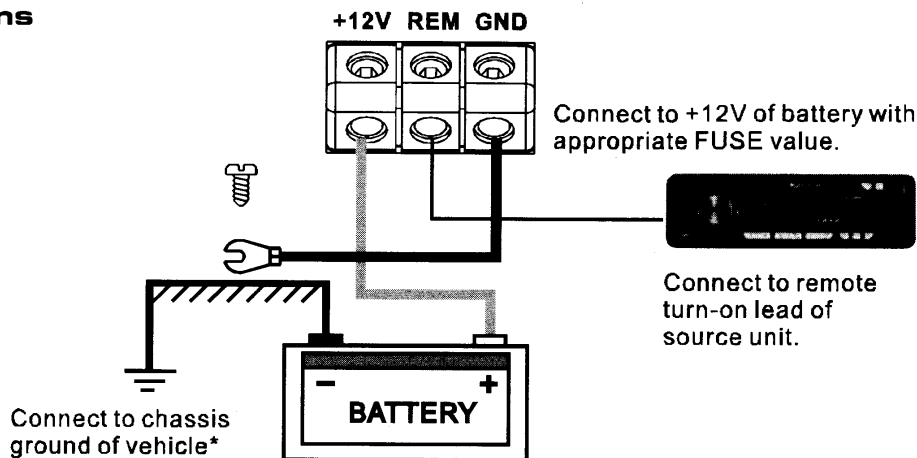
The VIBE enclosure terminals adds great detail to any bass enclosure and ease of connection. All new spring loaded connectors replace the old screw down type for quicker and tighter clamping of speaker wire or VIBE GP41 banana plugs. The VIBE GP4 QuadPost features 4 posts on one terminal and a NEW CNC alloy top, a rubber inner and outer rubber sealing gasket - The Quad terminals come complete with the NEW VIBE T-Bridge terminal link - allows fast and reliable bridging of VIBE terminals for easy connection to a mono amplifier.



Mounting Guidelines

Your VIBE amplifier is designed with a swift installation routine in mind. Please mount the amplifier in a dry location on a solid surface. NEVER mount the amplifier upside down, this will cause the amplifier to over heat and will eventually damage the amplifier. Before fixing the amplifier in place please ensure that there is sufficient air flow around the exterior of the casing, at least two inches is sufficient.

Connections



Power Cable

- At least an 10 gauge cable should be used for both the power and the ground connections to the amplifier.
- The power cable should be taken directly from the battery. Rubber grommets should be used when passing through any bulkheads to prevent the cable from becoming chaffed or cut.
- It is vital that a fuse / circuit breaker (of at least equal value to the one fitted on the amplifier) is placed inline with the power cable and is no further than eighteen inches away from the battery.
- Please ensure that the fuse is not fitted until the entire installation procedure is complete.

- The two tables below are to help you decide on what cable is correct for you. The first enables you to select the size of cable depending on the length required. The second will help you convert the cable size from American Wire Gauge to Metric if you need to.

Current demand	Length of Run							
	0 - 4 Ft	4 - 7 Ft	7 - 10 Ft	10 - 13 Ft	13 - 16 Ft	16 - 19 Ft	19 - 22 Ft	22 - 28 Ft
0-20 amps	14 AWG	12 AWG	12 AWG	10 AWG	10 AWG	8 AWG	8 AWG	8 AWG
20-35 amps	12 AWG	10 AWG	8 AWG	8 AWG	6 AWG	6 AWG	6 AWG	4 AWG
35-50 amps	10 AWG	8 AWG	8 AWG	6 AWG	4 AWG	4 AWG	4 AWG	4 AWG
50-65 amps	8 AWG	8 AWG	6 AWG	4 AWG	4 AWG	4 AWG	4 AWG	2 AWG
65-85 amps	6 AWG	6 AWG	4 AWG	4 AWG	2 AWG	2 AWG	2 AWG	0 AWG
85-105 amps	6 AWG	6 AWG	4 AWG	2 AWG	2 AWG	2 AWG	2 AWG	0 AWG
105-125 amps	4 AWG	4 AWG	4 AWG	2 AWG	0 AWG	0 AWG	0 AWG	0 AWG
125-150 amps	2 AWG	2 AWG	2 AWG	0 AWG	0 AWG	0 AWG	0 AWG	0 AWG

AWG to Metric Conversion Chart cross sectional area			
AWG Number	Inch	mm	mm ²
0 AWG	0.325	8.25	53.5
1 AWG	0.289	7.35	42.4
2 AWG	0.258	6.54	33.6
3 AWG	0.229	5.83	26.7
4 AWG	0.204	5.19	21.1
5 AWG	0.182	4.62	16.8
6 AWG	0.162	4.11	13.3
7 AWG	0.144	3.66	10.5
8 AWG	0.128	3.26	8.36
9 AWG	0.114	2.91	6.63
10 AWG	0.102	2.59	5.26

Ground Cable

- The ground cable needs to carry the same current as the power cable. At least an 10 gauge cable should be used.
- The amplifier ground should be connected directly to the chassis of the vehicle, to bare metal, remove paint with sand paper if required.
- The cable length should be kept to an absolute minimum.
- It is not recommended that you connect the ground cable to the vehicles seat belts anchor point.

Remote Turn On

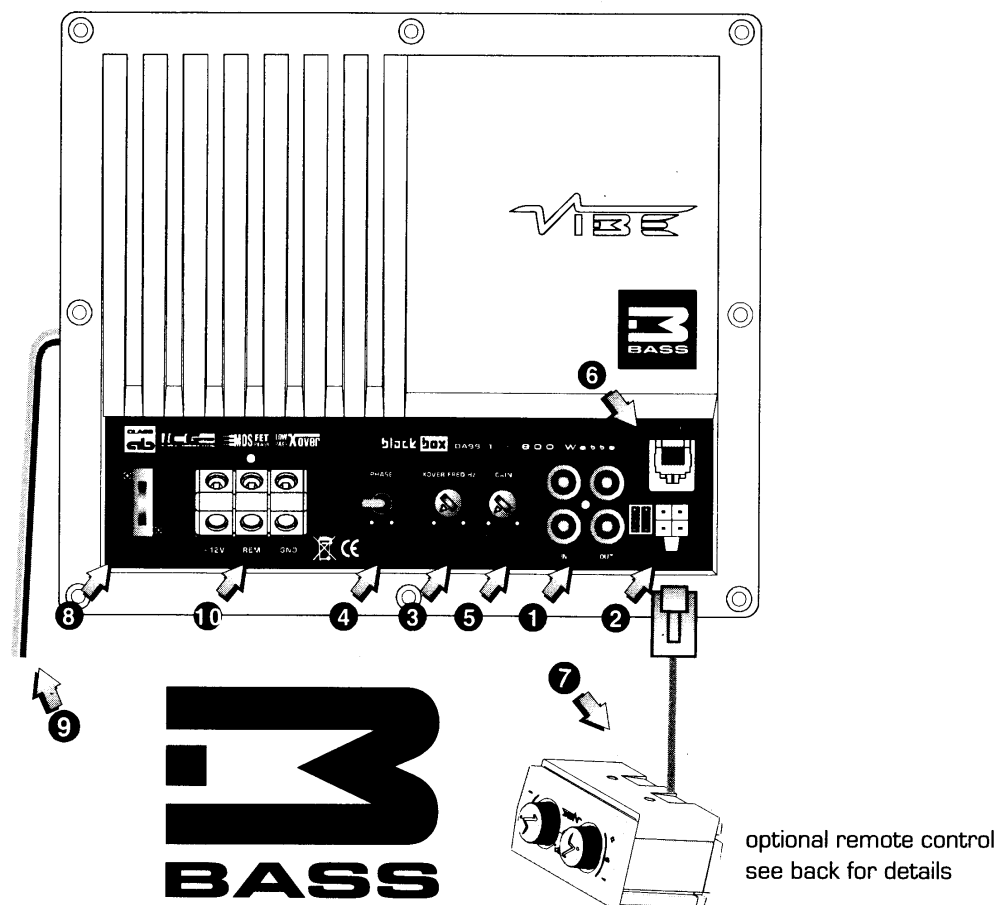
- A minimum of 18 gauge cable should be used for this connection.
- The cable should be run with exactly the same care and attention as the power cable and taken back to the source (headunit) and joined to the remote cable provided.
- If the source (headunit) does not have a remote turn on cable then a 12v supply should be used. This will require a switch to be fitted inline to enable the amplifier to be turned on and off. Remember that if this switch is left on you will flatten the car battery.

RCA Cables

- Depending on the model number of your amplifier and the number of speakers you wish to power you will have to run either one or two RCA cables from the source to the amplifier.
- Please take extra care when running these cables from the source to the amplifier. Ensure that they are placed away from all items that can generate any interference, wiring harnesses etc.
- It is recommended that the RCA cables should be run on opposite sides of the car to the previously installed power cables if possible, to avoid the cable picking up interference.

For optimal performance VIBE recommends using only VIBE Critical link cable and connectors using any thing less can seriously compromise the performance of your amplifier. see back page for details

CBR10 EVO ACTIVE
CBR12 EVO ACTIVE



1. Low Level Input

Connect the left and right RCA leads from your source (headunit) to these terminals.

2. High Level Input

If your source does not support RCA outputs connect the speaker outputs to the amplifier using the high level input terminals. This must not be used at the same time as the low level inputs.

3. XOVER Frequency

Adjust the crossover frequency using this knob. The frequency ranges from 40Hz to 200Hz

4 Phase

Switch for adjusting the phase between 0 and 180 degrees

5 Gain

Adjust the gain range of the amplifier between 0.25v and 6v

6 Remote Control Port

Connect the optional BBR10 VIBE remote gain control here. This is used to adjust the output levels of the amplifier from the front of the car.

7 Optional Remote Control

(BBR10)Allows you to adjust the frequency and the gain from the front of the car. See back of manual for details

8 Fuse

Standard blade fuse to protect the amplifier. Always replace this with one of the same value. 35A x 1

9 Subwoofer Output

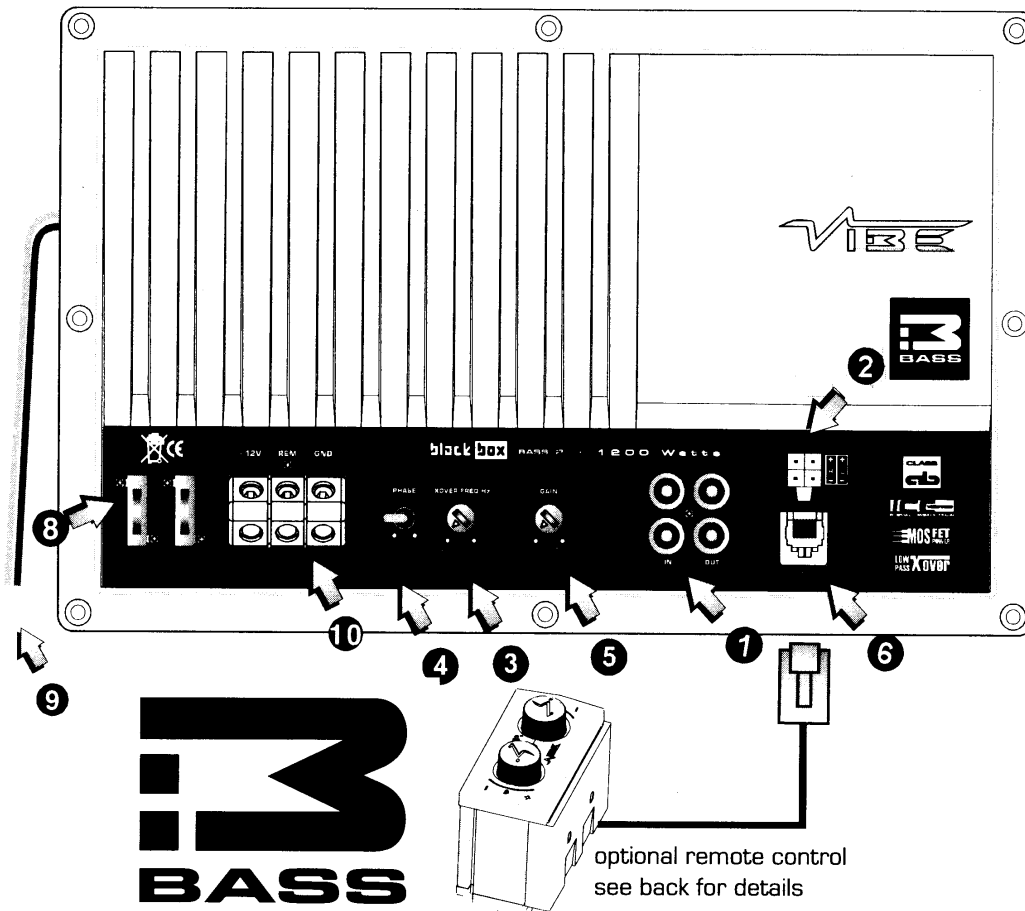
Use this to connect the amplifier to the subwoofer

10 Power/Remote/Ground terminals

+12V - connect to the positive feed from the battery.

Rem - Connect the remote output from the source (CD player) to this terminal. The voltage must be between 12V and 15V DC.

GND - The ground terminal to earth the amplifier. Connect this to the chassis of the vehicle.



1. Low Level Input

Connect the left and right RCA leads from your source (headunit) to these terminals.

2. High Level Input

If your source does not support RCA outputs connect the speaker outputs to the amplifier using the high level input terminals. This must not be used at the same time as the low level inputs.

3. XOVER Frequency

Adjust the crossover frequency using this knob. The frequency ranges from 40Hz to 200Hz

4. Phase

Switch for adjusting the phase between 0 and 180 degrees

5. Gain

Adjust the gain range of the amplifier using this

6. Remote Control Port

Connect the optional BBR10 VIBE remote gain control here. This is used to adjust the output levels of the amplifier from the front of the car.

7. Option Remote Control

(BBR10) Allows you to adjust the frequency and the gain from the front of the car. See back of manual for details.

8. Fuse

Standard blade fuse to protect the amplifier. Always replace this with one of the same value. 30A X 2

9. Subwoofer Output

Use this to connect the amplifier to the subwoofer

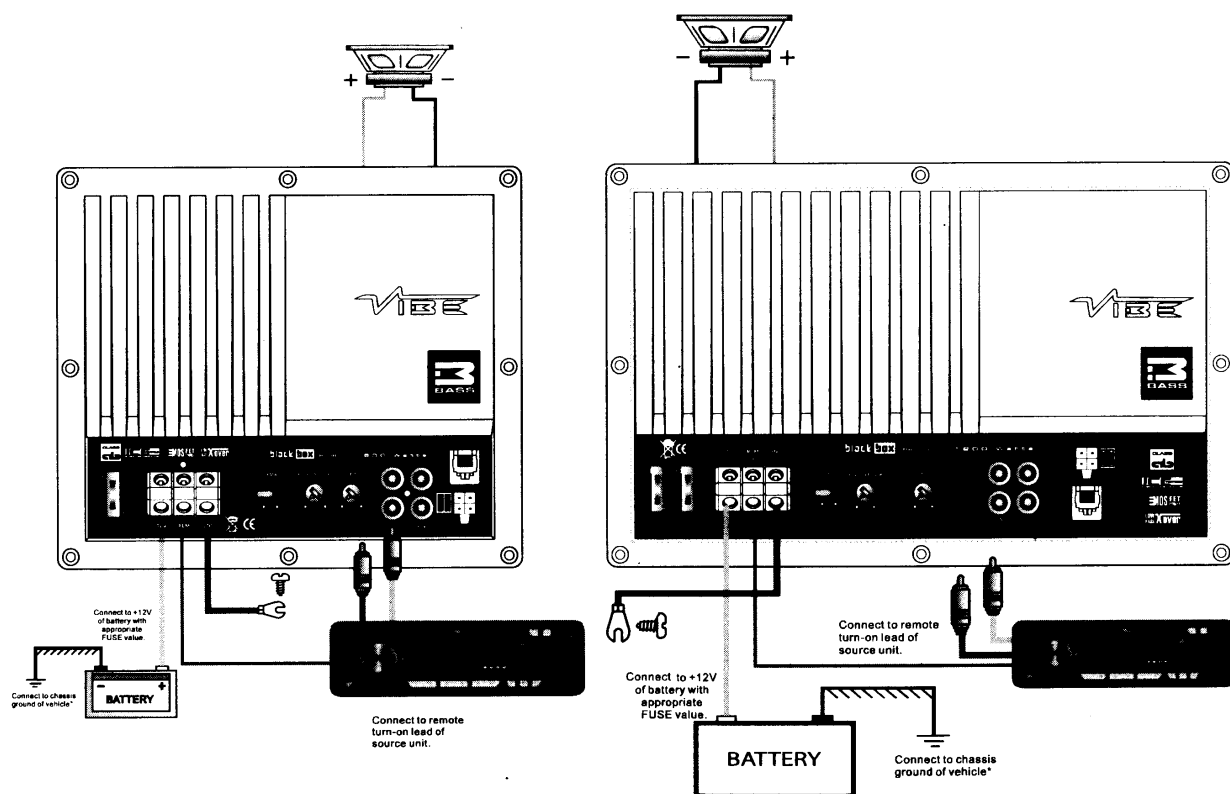
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+12V - connect to the positive feed from the battery.

Rem - Connect the remote output from the source (CD player) to this terminal. The voltage must be between 12V and 15V DC.

GND - The ground terminal to earth the amplifier. Connect this to the chassis of the vehicle.

Minimum impedance 4 Ohm



Set Up Section

To correctly set the gain control of the amplifier to match that of the source (headunit) use the following setup routine:

- Turn the gain control to minimum on the amplifier.
- On the headunit set all crossovers (if applicable) to flat and both bass and treble to zero.
- Turn up the source (headunit) to approx 3/4 volume.
- Very slowly turn up the gain on the amplifier until distortion can be heard or until the volume reaches an uncomfortable listening level when this is reached turn down the gain control slightly.

The gain control is now set.

The setting of the crossover will depend on what kind of speaker you are installing.

For a subwoofer it is recommended that the crossover frequency is set to match that of the subwoofers specifications, or your preferred frequency - this is usually about 60 Hz - 120 Hz

Note:

By using the crossovers correctly you will not only lengthen the life of your subwoofers but you will also get better performance from them. To optimise your setup seek the advice of a professional installation engineer or visit your local VIBE audio dealer.

Trouble shooting

- Before removing the amplifier, refer to the list below and follow the suggested procedures.
- Always test the speakers and confirm that they are wired correctly first.
- If in any doubt get help from your local VIBE dealer

Amplifier Will Not Power Up

- Check for good ground connections. Ensure Ground cable is connected directly to bare metal and not a painted surface.
- Using a multimeter check that remote terminal has at least 12V DC.
- Using a multimeter check that there is battery voltage of at least 10.5v DC on the positive terminal.
- Check all fuses.
- Check that the protection light is not illuminated. If it is lit, shut off the amplifier by disconnecting for thirty seconds and then turning it back on.

Protection LED Illuminates When Amplifier Is Powered Up

- Check for shorts on all speakers wires. (i.e. no speaker wires should be joined together and no speaker wires should be touching the cars chassis)
- The amplifier is designed to shut down automatically when the units temperature goes above 80 degrees. If the amplifier feels very hot then this may be the reason for the amplifier not starting. Allow to cool down try again.
- Remove the speaker wires and reset the amplifier. If the Protection LED still comes on then the amplifier is damaged. This damage may have been caused by either failure to follow these setup guidelines or abuse.

Amplifier Gets Very Hot

- Check the minimum speaker impedance for the amplifier is correct.
- Check for shorts on all speakers wires. (i.e. no speaker wires should be joined together and no speaker wires should be touching the cars chassis)
- Check that there is good airflow around the amplifier. In some applications an external fan may be required.

Blown Fuse(s)

- Check both positive supply and ground for shorts.
- Check that the positive wire is connected to the positive terminal on the amplifier.
- Check that the negative wire is connected to the ground terminal on the amplifier.
- Ensure that the correct rated fuse is fitted:

The VIBE Bass 1 amplifier uses 1 x 35 amp fuse

The VIBE Bass 2 amplifier uses 2 x 30x amp fuse

Distorted Sound

- Check the gain control is not set too high. If the subwoofer sounds distorted turn down the gain until the sound is clear.
- Check that all crossover frequencies are correct. See Setup section for more details.
- Check for shorts on all speaker wires.
- Check all speakers are wired correctly. With the correct polarity being observed on each connection.



Specification: VIBE BLACKBOX BASS 1	
RMS Power @ 14.4v DC	
Power @ 4 Ohms	300 WRMS
Max	600 watts
Minimum speaker impedance	4 Ohms
THD Distortion	0.08%
IMD Distortion	0.08%
Frequency Response +/- 1dB	40Hz - 200 Khz
low level Input Sensitivity	200 mV - 6V
High level Input Sensitivity	2V- 20V
Input Impedence	15K
Signal to Noise Ratio	90 dB
Crossover Network	
Sub-woofer filter	40 Hz – 200 Hz
Protection (short , temperature)	yes
Fuse rating	35A x 1
Size length x width x depth	230mm x 195mm x 53 mm



Specification: VIBE BLACKBOX BASS 2	
RMS Power @ 14.4v DC	
Power @ 4 Ohms	600 WRMS
Max	1200 watts
Minimum speaker impedance	4 Ohms
THD Distortion	0.08%
IMD Distortion	0.08%
Frequency Response +/- 1dB	40Hz - 200 Khz
low level Input Sensitivity	200 mV - 6V
High level Input Sensitivity	2V- 20V
Input Impedence	15K
Signal to Noise Ratio	90 dB
Crossover Network	
Sub-woofer filter	40 Hz – 200 Hz
Protection (short , temperature)	yes
Fuse rating	30A x 2
Size length x width x depth	230mm x 195mm x 53 mm



In order to protect your purchase and aid your warranty please fill in the following form and keep it safe for your future reference:

Model Number:

Serial Number:

Purchased From:

Date of Purchase:

KEEP IT SAFE
Staple your receipt here:

Limited Warranty

All VIBE products carry a full twelve months warranty, valid from the date of the original receipt / proof of purchase. In order to validate this warranty, the warranty card should be returned to VIBE within seven days of the original purchase date. The original receipt and packaging should also be retained for this twelve month period.

If at any stage during the warranty period you have a problem with the product then it should be returned to the point of purchase, with proof of purchase in its original packaging, complete with no items missing.

If the store is unable to fix the product it may have to be returned to VIBE this process takes around 7 working days.

A full description of VIBE's warranty information can be found on our website:

www.vibeaudio.co.uk/warranty

A written version can also be obtained from
VIBE warranty Dept, PO BOX 11000, B75 7WG

Technical enquires
call 09067031420

call cost 50p per minute Call costs correct at date of publication (02/02/08) Hours of business 9.00am - 5.30pm all calls are recorded for training purposes MIDBASS Distribution PO Box 11000, B75 7WG

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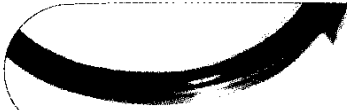
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BY USING ANY VIBE EQUIPMENT, YOU AGREE TO TAKE FULL RESPONSIBILITY FOR YOUR OWN SAFETY AND THE SAFETY OF OTHERS WHEN LISTENING TO MUSIC AT HIGH VOLUMES THROUGH EQUIPMENT YOU HAVE PURCHASED. USE OF ANY VIBE EQUIPMENT CONSTITUTES AGREEMENT TO THIS DISCLAIMER. Except as specifically stated in this manual, to the fullest extent permitted at law, neither VIBE nor any of its affiliates, directors, employees or other representatives will be liable for damages arising out of or in connection with the use of this manual or the information, content, materials or products included.

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FLATBASS™ 13 SPK Bass speaker cable

There are many powerful bass amplifiers on today's market - the ever increasing power is putting huge strains on speaker wiring. VIBE presents a new breed of speaker cable specially developed for BASS applications - the VIBE FLATBASS speaker cable. offering SolidCore™ that can handle and sustain considerably more power than conventional speaker cable.

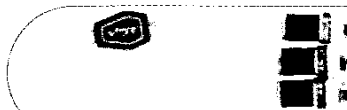
Model: FlatBass 13 SPK - 13 gauge SolidCore™ flat BASS speaker cable



VIBE 140 amp circuit breaker

By systems requiring top protection - The VIBE circuit breaker is rated at a massive 140 amps and offers circuit protection to your system - if the system over powers or short circuits the breaker will cut in and save your equipment. No need to replace expensive fuses, system is reset via a simple switch - also offers safe and instant system shutdown.

Model: CB140 - 140 amp circuit breaker



FLAT Y 2M / FLAT Y 2F RCA Y leads

Our professional quality full range OFC Y-interconnect guarantees a pure and strong signal. With a flat design and ferrite loaded gold plated plugs interference is greatly reduced. The FLAT-Y interconnect is available in 1 male - 2 female FLAT Y 2F and 2 male - 1 female FLAT Y 2M configurations.

Model: FLAT Y 2F - 1 pair RCA Y lead 1male to 2 female
Model: FLAT Y 2m - 1 pair RCA Y lead 2male to 1female



VIBE RC10 level controller

The VIBE RC10 gain level controller is a perfect addition to any subwoofer system, the RC10 allows the level of the amplifier to be controlled from the driver's seat giving the user easy adjustment of gain level. Particularly useful for adjusting the gain level for amplifiers controlling subwoofers. The RC10 controller is RCA input and output making it compatible with any system allowing your level adjustment of any amplifier it is connected to. It can also be used with full range amplifiers.

Model: RC10 - RCA Gain level control



Slick level remote

A new addition to the Slick range of amplifiers is the Slick level control which allows level adjustment of the amplifier from the front of the car. Simply plug the supplied cable into the Slick remote level port on the end panel of the amplifier and remote gain control is yours. It is that easy.

Model: SLR1 - optional remote for use with all Slick amplifiers



VIBE PortPlug™

The VIBE PortPlug™ allows easy tuning of the VIBE CBR bass enclosures. The PortPlug™ is used to tightly seal the VIBE TurboPort™ in the enclosure to either create a sealed enclosure for better transient response or in the case of a multi ported enclosure re-tune the enclosure using only 1 PortPlug™.

Model: PP25 - PortPlug™ for 2.5" TurboPort™
Model: PP30 - PortPlug™ for 3" TurboPort™



VIBE official Merchandise

MPS - VIBE polo shirt with embroidered VIBE logo on front and rear
MTS - VIBE T-shirt with small VIBE printed logo on front.
MCD - VIBE CD, containing exclusive VIBE bass tracks as featured on the Bass Tunnel and VIBE Dredd.
MCC - VIBE CD case, metallic silver CD case with VIBE logo.
VFL - VIBE fleece with embroidered logo on the front and large on back.
VTD - VIBE tax disc holder, stylish silver tax disc holder featuring VIBE logo.



VIBE SD4/5 subwoofer defender grill

The new VIBE subwoofer defender not only provides protection for your sub but also adds style with its metallic badge and black rubberised steel construction allow it to integrate perfectly with the VIBE EVO enclosures.

Model: SD4 - sub grill fits both 10" and 12" subwoofers
Model: SD5 - sub grill fits 15" subwoofers



VIBE GB41 banana plug

The VIBE GB41 banana plugs are the easy and convenient way to quickly remove your bass enclosure without having to constantly re-thread your speaker cable into the box terminal, simply attach the speaker cable to the VIBE GB41 banana plug and you have a reliable quick release solution. Designed for optimum use with the TP-2 and GP-4 terminal, our professional gold plated 4mm banana plugs are plenty marked and feature rubber shrouds.

Model: GB41 - Gold Banana plug



VIBE DB6 non fused distribution block

The VIBE DB6 non fused distribution block is a professional non fused distribution block which gives easy connection for up to 5 amplifiers. The VIBE DB6 has 2 x 4AWG input and 4 x 8AWG outputs which can be used for power distribution or ground distribution giving a common grounding point for all system components eliminating the risk of ground loop interference.

Model: DB6 non fused distribution block



VIBE FD4 fused distribution block

The VIBE FD4 fused distribution block is a professional AGU fused distribution block which gives easy connection for up to 4 amplifiers. The VIBE FD4 has 1 x 4AWG input and 4 x 8AWG outputs each individually fused up to a maximum of 50 amps (AGU fuses available separately).

Model: FD4 - 4 way AGU fused distribution block, 1 x 4 gauge input 4 x 8 gauge outputs



VIBE CT0 / CT4 compression fit ring terminal

The VIBE CT range of gold plated ring terminals are professional compression fit designed for maximum conductivity when connecting power cable to the vehicle battery. The VIBE RT compression fit terminals are the best way to connect heavy gauge power cable to the vehicles battery.

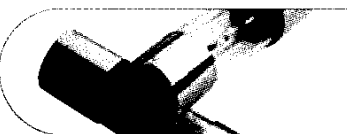
Model: CT0 - 0 gauge compression fit ring terminal
Model: CT4 - 4 gauge compression fit ring terminal



VIBE RT4 / RTB crimp on ring terminal

The professional range of VIBE RT gold plated ring terminals for connecting power cable to the vehicle battery. Packed in pairs and include red and black rubber over boots with an easy crimp design.

Model: RTB - 1 pair of 8 gauge crimp on ring terminals with PVC overboots
Model: RT4 - 1 pair of 4 gauge crimp on ring terminals with PVC overboots



VIBE AGU30, AGU60, AGU80 fuses

The VIBE AGU fuse series are the perfect companion to the VIBE FD4 fused distribution block and the Active and stereo system wiring kits.

Model: AGU30 - 1 pair 30 amp AGU fuses to fit all AGU fuse holders
Model: AGU60 - 1 pair 60 amp AGU fuses to fit all AGU fuse holders
Model: AGU80 - 1 pair 80 AGU fuses to fit all AGU fuse holders

All Accessories are available direct, for next day delivery call 0870 765 8423 or visit www.vibeshop.co.uk (UK ONLY)

For more product info see www.vibeaudio.co.uk



The CriticalLink™ range of FLAT series cabling from VIBE

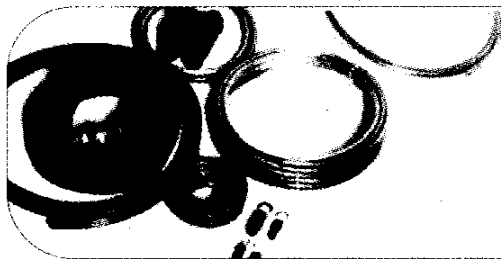
The VIBE CriticalLink range of cabling has been developed to achieve the critical link between source (headunit), amplifier and speakers - VIBE audio equipment is high quality, using anything less than the VIBE CriticalLink™ range of cables will severely compromise your equipment and will not allow it to perform to its maximum potential.

NOTE: Your audio equipment will only ever be as good as the cables you use to connect it. The link between your audio equipment is critical for a bigger cleaner sound.

VIBE cabling and interconnects can enhance your system power and sound quality by more than 80% over other brand cable.

All Accessories are available direct, for next day delivery call 0870 765 8423 or visit www.vibeshop.co.uk [UK ONLY]

For more product info see www.vibeaudio.co.uk



BASS SYSTEM KIT

The VIBE 3000watt BASS KIT is specifically designed to gain maximum output from high power Bass systems. Featuring the best BASS specific cables from the VIBE CriticalLink™ Range.

Contents of this Kit:

FLATLINES™ 4AWG PWR Power and Ground cable

FLATBASS™ RCA SolidCore™ Interconnect

FLATBASS™ 13 SPK Bass speaker cable

FLATLINES™ remote 18

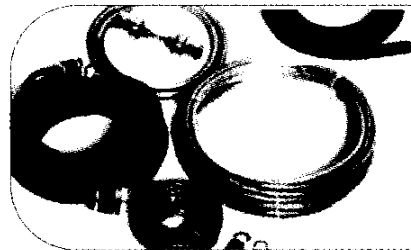
VIBE 140 amp circuit breaker

All cable is terminated with crimped terminal rings in place and accessory fitting kit.

COMPATIBILITY

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE BASS mono/amplifiers new, current and old models.

Model: Bass Kit - Bass specific amplifier wiring kit



STEREO SYSTEM KIT

The VIBE 1500watt STEREO KIT is specifically designed to gain maximum output from high power full range systems. Containing the best full range cables from the VIBE CriticalLink™ Range.

Contents of this Kit:

FLATLINES™ 4AWG PWR Power and Ground cable

VIBE FLATSTEREO™ RCA - OFC high definition full range interconnect

FLATLINES™ remote 18

FLATSTEREO™ speaker cable

AGU Fuse Holder

All cable is terminated with crimped terminal rings in place and accessory fitting kit.

COMPATIBILITY

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE full range STEREO amplifiers new, current and old models.

Model: Stereo Kit - full range stereo amplifier wiring kit



ACTIVE SYSTEM KIT

The VIBE 1500watt ACTIVE BASS KIT is specifically designed to gain maximum output from high power Active Bass systems (Active Boxes). Featuring BASS specific components from the VIBE CriticalLink™ Range.

Contents of this Kit:

FLATLINES™ 4AWG PWR Power and Ground cable

FLATBASS™ RCA SolidCore™ Interconnect

FLATLINES™ remote 18

AGU Fuse Holder

FastPlug™

COMPATIBILITY

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE active bass enclosures new, current and old models.

Model: Active Kit - Bass specific active enclosure wiring kit



PC15
1.6 farad
power capacitor

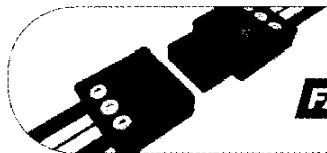
The VIBE 1.5 farad power capacitor is a must for any high performance audio system. VIBE's 1.5 farad power capacitor bridges the gap between the vehicle's battery and the amplifiers ensuring rapid smooth current flow resulting in louder, tighter bass and clean crisp midrange and treble. The built in digital voltage display constantly and accurately displays the systems DC voltage. An all new VIBE power distribution block is built into the top of the capacitor to allow easy wiring into this system and also will allow 3 amplifiers to be wired directly to the capacitor for maximum current flow to the amplifiers.

Model: PC15



delta box

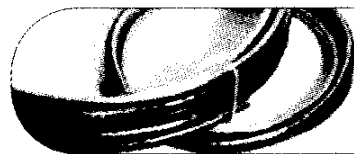
The DeltaBox 3 channel driver is the ideal solution for those looking to install multiple amplifiers from a single RCA preout. Most people use RCA "Y" splitters for this task unaware of the signal degradation caused. The DeltaBox not only splits the signal but also isolates and boosts the signal up to a maximum of 9 volts independently for each of the 3 output channels giving much cleaner sound and excellent signal to noise ratio. For SPL competition the DeltaBox is an essential tool as each of the outputs can be split 4 times giving control of 12 amplifiers from a single gain enabling precise adjustment of the system without having to reset every amplifier individually. Additionally if your headunit has a weak preout or you wish to run multiple amps but only have one output the DeltaBox™ is your ideal solution. Model: DELTABOX



FAST PLUG

The VIBE FastPlug™ (pat. pending) is a product long overdue. Designed and developed by VIBE Engineers the plug offers safe, fast removal of your active bass enclosure (bass box) or amplifier. You may wish to remove your system for security reasons, or for the full use of your boot space, whatever the reason the VIBE FastPlug makes it easy and safe.

The plug is a heavy duty connector that connects positive, negative and remote wires. It is made up of 2 parts - one end to connect to your equipment and the other to your power source - made from high quality ABS plastic the device is tough and hard wearing. Model: FASTPLUG



FLATLINES™ Power and Ground Cable

VIBE FlatLines™ power cable has been developed to maximise voltage transfer from battery to amplifier. The cable has 2 main lines running side by side which are made up of fine copper strands. This design makes the cable flat allowing us to make very slim heavy duty power cable which is highly flexible easing installation.

Available in: system kits, by the roll or by the metre

Model: FLATLINES 8 PWR - 8 gauge red power cable Model: FLATLINES 8 GND - 8 gauge black power cable

Model: FLATLINES 4 PWR - 4 gauge red power cable Model: FLATLINES 4 PWR - 4 gauge red power cable

Model: FLATLINES 0 PWR - 0 gauge red power cable Model: FLATLINES 0 GND - 0 gauge black power cable



FLATSTEREO™ High Definition full range Interconnect

The VIBE FLATSTEREO RCA is an OFC high definition full range interconnect - delivering the fullest signal possible from source to amplifier - the cable make up has been developed to run flat with left and right outlets running parallel with individual screening but sharing an outer FLAT jacket easing installations.

Available in:

Model: FlatStereo RCA 1m - 1 metre full range interconnect

Model: FlatStereo RCA 5m - 5 metre full range interconnect



FLATBASS™ - SolidCore™ Bass interconnect

The VIBE FLATBASS™ interconnect has been specifically developed for use in BASS SYSTEMS - the cable make up has a unique super FLAT™ design easing installation - its trick ingredient is oversized SolidCore™ OFC signal wires - allowing a heavier voltage to be passed down the cable. This is the central wire that carries the main signal from source to amplifier.

Available in:

Model: FlatBass RCA 1m - 1 metre BASS interconnect

Model: FlatBass RCA 5m - 5 metre BASS interconnect



FLATFLEX™ High Definition speaker cable

The delivery of power and signal to the speaker is the final CriticalLink™ in any audio system - VIBE's FlatFlex OFC high definition speaker cable is produced from super fine OFC copper strands collectively picking up all the detail in your music - the multi strands are aligned in a row making the cable super FLAT™ which can be run invisibly under carpets.

Available in:

Model: FlatFlex 16 SPK - 16 gauge High definition flat flexible speaker cable

Model: FlatFlex 12 SPK - 12 gauge High definition flat flexible speaker cable

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LIMITED WARRANTY

AFFIX
STAMP
HERE



460 Walker Street
Holly Hill
Florida
32117 2653

LIMITED WARRANTY

www.vibecaradio.com

What is covered?

Warranty applies only to VIBE Audio products sold to consumers by authorised VIBE Audio dealers in the USA. Products purchased by consumers from authorised VIBE Audio dealers outside of the USA are covered only by that country's distributor.

Who is covered?

This warranty covers only the original purchaser of VIBE Audio products purchased from an authorised VIBE Audio dealer in the USA. For a list of authorised internet retail stores go to www.vibecaradio.com. In order to claim warranty the purchaser must provide VIBE Audio with a copy of the receipt stating the customer name, VIBE Audio authorised dealer name, product purchased and date of purchase. Products found to be defective during the warranty period will be repaired or replaced (with a product deemed to be equivalent) at VIBE's discretion.

What is not covered?

1. Damage caused by accident, abuse, improper operations, water or theft.
2. Any cost or expense related to the removal or reinstallation of product.
3. Repair service performed by anyone other than VIBE's repair department.
4. Any product which has had the serial number defaced, altered or removed.
5. Any product purchased outside the USA.
6. Any product not purchased from an authorised VIBE dealer.

Equivalent Limit / Implied Warranties.

Any implied warranties including warranties of fitness for use and merchantability are limited in duration for the period of the express warranty set forth above.

Some dealers do not allow limitations on the length of implied warranty, so this limitation may not apply. No person is authorised to assume for VIBE Audio any other liability in connection with the sale of the product.

YOUR RECORDS

1 YEAR WARRANTY

Model

Serial Number

Date Purchased

Place of Purchase

This registration must be filled out and mailed within 10 days of purchase to validate warranty

Name _____

Street _____

City/Town _____ State _____

ZIP Code _____ Telephone No: _____

Email: _____

Product _____

Model: _____ Serial No _____

Place purchased _____

What other VIBE equipment do you own? _____

Why did you purchase this VIBE product? (circle one)

Sound Price Style Dealer Recommendation

Other (please specify) _____

Rate this Product (1-5, 5 being the highest)

style 1 2 3 4 5

performance 1 2 3 4 5

packaging 1 2 3 4 5

size 1 2 3 4 5

sound quality 1 2 3 4 5

value for money 1 2 3 4 5



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date received

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